

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently Amended) A method for generating the three-dimensional ultrasound image of a body region of a patient, said body region exhibiting spatial variation due to breathing motion, comprising the steps of:

applying an ultrasound transducer arrangement to a body region of a patient exhibiting spatial variations due to breathing motion, and conducting an ultrasound scan of said region by coupling and maintaining said ultrasound transducer stationary on the body region to couple ultrasound radiation into the body region in a single one stationary scan plane through which the body region moves due to said breathing motion, to obtain electrical signals respectively in different slice planes resulting from interaction of the ultrasound radiation with the body region moving through the single stationary scan plane;

from said electrical signals, generating temporally successive B-images of said body region, said successive B-images, due to said body region moving through said single stationary slice plane due to said breathing motion, respectively representing said different slice planes of the body region; and

registrating the successive B-images and combining the registrated successive B-images in an image processor to form a three-dimensional image of said body region comprising said different slice planes, and making said three-dimensional image available in a form for display.

2. (Original) A method as claimed in claim 1 comprising employing an ultrasound transducer array as said ultrasound transducer arrangement.

3. (Original) A method as claimed in claim 1 comprising the additional step of converting said three-dimensional image of said body region into at least one C-image of said body region.